Bio

STANFORD ADVISORS
- Piero Pianetta, Postdoctoral Faculty Sponsor
- Johanna Weker, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- Copper availability governs nitrous oxide accumulation in wetland soils and stream sediments *GEOCHIMICA ET COSMOCHIMICA ACTA*
  Sharma, N., Flynn, E. D., Catalano, J. G., Giammar, D. E.
  2022; 327: 96-115

- Dynamic Responses of Trace Metal Bioaccessibility to Fluctuating Redox Conditions in Wetland Soils and Stream Sediments *ACS EARTH AND SPACE CHEMISTRY*
  2022; 6 (5): 1331-1344

- Impact of dissolved oxygen and pH on the removal of selenium from water by iron electrocoagulation *WATER RESEARCH*
  Bae, Y., Crompton, N. M., Sharma, N., Yuan, Y., Catalano, J. G., Giammar, D. E.
  2022; 213: 118159

- Metal-Catalyzed Hydrolysis of RNA in Aqueous Environments *ENVIRONMENTAL SCIENCE & TECHNOLOGY*
  Chatterjee, A., Zhang, K., Rao, Y., Sharma, N., Giammar, D. E., Parker, K. M.
  2022; 56 (6): 3564-3574

- Consistent controls on trace metal micronutrient speciation in wetland soils and stream sediments *GEOCHIMICA ET COSMOCHIMICA ACTA*
  2022; 317: 234-254

- Role of precursors in the formation of trihalomethanes during chlorination of drinking water and wastewater effluents from a metropolitan region in western India *JOURNAL OF WATER PROCESS ENGINEERING*
  Sharma, N., Mohapatra, S., Padhye, L. P., Mukherji, S.
  2021; 40

- Seasonal variation in fluorescence characteristics of dissolved organic matter in wastewater and identification of proteins through HRLC-MS/MS *JOURNAL OF HAZARDOUS MATERIALS*
  Mohapatra, S., Sharma, N., Mohapatra, G., Padhye, L. P., Mukherji, S.
  2021; 413: 125453

- Modeling performance of rhamnolipid-coated engineered magnetite nanoparticles for U(vi) sorption and separation *ENVIRONMENTAL SCIENCE-NANO*
  Sharma, N., Ghosh, A., Fortner, J. D., Giammar, D. E.
  2020; 7 (7): 2010-2020